

Annual Operating Plan (AOP)

XXXX Cooperative Weed Management Area

I. ACTION ITEMS FOR THIS YEAR

A. *Weed Control Actions*

As per the strategic plan, it was determined that Priorities 1 and 2 (not yet present and new invaders) would always receive attention first. All parties will work to eradicate new invaders. For determining additional priorities, each Zone working group used the flow chart shown in Appendix A of the Annual Operating Plan to determine Priorities and Management Objectives for each weed species within that Zone. After those, the working groups selected Focus Projects for this year from the Priority 3 weeds - the areas where we will spend our joint efforts and resources in order to achieve one success per Zone in YEAR. The results of the prioritization are shown in Appendix B of the Annual Operating Plan. Focus Projects for YEAR are shown below for each Zone. It is likely that three to five years of continued treatment will be required to achieve control on each infestation.

B. *Project Prioritization and Description*

Priority 1: XXX Leafy Spurge/Canada Thistle Control

The XXXX Zone will again sponsor an effort southwest of XXXX to treat leafy spurge. Another joint effort will be conducted to treat an infestation of Canada thistle on roughly 100 acres of XXXX, Inc., homeowners common area. The public and all CWMA cooperators will be invited to join the effort to eradicate these weeds. Volunteers and others who do not possess Pesticide Applicators licenses will pull or grub weeds under supervision of a CWMA cooperator with plant identification skills. Those who do hold licenses may supervise others or apply herbicide to infestations where applicable.

Estimated Acres Treated: 150

Tools/Equipment/Herbicides: Backpack sprayers will be used with Plateau and 2-4,D herbicides, shovels, and hand pulling

This project is scheduled for June 27 and 28. Participants will meet at the XXXX office at 0900.

Measurable Outcome/Objective – 85 percent or more infested acres are treated (i.e., weeds are removed or sprayed and prevented from producing seeds).

ESTIMATED EXPENDITURES:

Project Cost: \$28,000 **Match:** \$20,000 **ISDA CONTRIBUTION:** \$8,000

Priority 2: Hay Exchange

Objective: Provide brochures to the XXXX, XXXX, and XXXX Ranger Stations. Identify a location (XXXX weigh station), volunteers, and have at least two ton of certified hay available for exchange during hunting season. Rent appropriate signs (lighted electronic reader boards) to make passing hunters aware of the exchange.

Estimated Number of Contacts: 25

Tools/Equipment/Herbicides: brochures, certified hay, signage.

This project is scheduled for October 27 and 28. Participants will meet at the XXXX office at 0900.

Measurable Outcome/Objective - A count of vehicles/ hunters stopped and information contacts will be kept along with a log of forage exchanges.

[EXHIBIT 5 - ANNUAL OPERATING PLAN]

ESTIMATED EXPENDITURES:

Project Cost: \$20,000 **Match:** \$12,000

ISDA CONTRIBUTION: \$4,000

Priority 3: Inventory

A coordinated weed database has been developed and will be maintained for the entire management area. At a minimum the database will include: size of infestation, name of target plant, density, location, and accuracy. Base maps will be USGS 1/24000 topographic quads. Information will be stored in a Geographic Information Systems (GIS) database.

The agencies involved will be responsible for furnishing the necessary topographic maps for the lands under their jurisdiction. All cooperators will offer input into the location and types of infestation. The inventory/GIS database will be maintained at the USFS Office in XXX, ID.

All parties will accomplish mapping with access to GPS units. The three county entities will map as they treat weeds. Additional monies gathered by the XXXX CWMA may be used to supplement wages for these weed control individuals. GPS data from each county will be corrected and exported to a GIS format. The GIS data will then be compiled at XX by the hired contractor.

Estimated Acres Inventoried: 300

Tools/Equipment/Herbicides: GPS units, computer with GIS

This project is scheduled for April 27 through September 28.

Measurable Outcome/Objective - Inventory with GPS 100 acres per zone, Newly mapped acres and entered into GIS 200 acres per zone.

ESTIMATED EXPENDITURES:

Project Cost: \$10,000 **Match:** \$10,000

ISDA CONTRIBUTION: \$2,000

Priority 4: Biological Control

XXXX CWMA will develop and implement monitoring protocols for determining establishment and effectiveness of biological control agent releases. XXXX CWMA will utilize available resources such as the University of Idaho, USDA-FS Forest Health Protection, USDA-FS Research, and ARS to develop specific monitoring techniques that can be effectively applied across the insect release zones.

Appendix B of the Annual Operating Plan shows a list of biocontrol agents which have been released within the XXXX CWMA.

Monitoring will determine insect establishment success, insect population trends, insect impact on target plants, and the effect of insect populations on weed population density and spread.

General visual reconnaissance will periodically be completed for insects that have been targeted to Canada thistle, leafy spurge, and Dalmatian toadflax.

Estimated Acres Treated: 80.

Tools/Equipment/Herbicides: GPS units, sweep nets, insect counts.

This project is scheduled for April 27 through September 28.

Measurable Outcome/Objective - Conduct systematic sampling on 10 percent of sites where control work was done last year. Conduct visual assessments on 20 percent of sites where control work was done last year.

[EXHIBIT 5 - ANNUAL OPERATING PLAN]

ESTIMATED EXPENDITURES:

Project Cost: \$10,000 **Match:** \$10,000

ISDA CONTRIBUTION: \$2,000

C. Project Totals

PROJECT COSTS: \$68,000 **MATCH:** \$52,000 **ISDA Contribution:** \$16,000

ESTIMATED AOP ACTIVITIES :

Acres Treated = 230

Acres Mapped = 300

Acres Restored/Revegetated = 0

Estimated number of persons reached with Education/Publications = 32

D. Capital Outlay (Equipment with value of \$5,000 or more)

Spray Mule (6 wheeler) \$ 8,000

Drill Seeder (Restoration) \$20,000

TOTAL \$28,000

TOTAL ISDA CONTRIBUTION \$ 8,000

II. CHEMICAL STORAGE:

A. Describe your chemical storage facility: _____

1. Is it locked? Yes _____ No _____

2. Who has access? _____

3. Do you maintain a log of items received/used or distributed? Yes _____ No _____

B. Please list anticipated chemical purchases for the period January 1, 2005, through December 31, 2005:

#	Chemical/Description	Quantity	Purpose
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Weed Species Present?	
YES	NO
Priority #1 <u>Prevention</u>	
NEW INVADER?	
NO	YES
Priority #2 <u>Eradication</u>	
SATELLITE INFESTATION, TRAVEL CORRIDOR, OR CONCENTRATED ACTIVITY AREA?	
NO	YES
Priority #3 <u>Suppress</u>	
Intrazone differences	
CENTER OF ESTABLISHED INFESTATION	
Priority #4 <u>Contain</u>	

**APPENDIX B
ZONE PRIORITIES**

ZONE	SPECIES	ZONE WIDE PRIORITY	SUB-ZONE	TREATMENT
1	Tansy Ragwort	2	Yes, East	Mechanical (Remove Seed), Chemical (Tordon)
	Leafy Spurge	3	No	Biological (Apthona ssp.), Chemical (Plateau, Tordon)
	Canada Thistle	4	No	Chemical (Tordon, Curtail, Escort)
2	Eurasian Watermilfoil	1	No	Any approved methods
	Rush Skeleton weed	3	No	Chemical (Tordon, 2,4-D)
	Canada Thistle	4	No	Chemical (Tordon, Curtail, Escort)
3	Yellow Toadflax	2	No	Chemical (Tordon, Escort)
	Perennial Pepperweed	2	No	Chemical (Tordon, Escort)
	Canada Thistle	4	No	Chemical (Tordon, Curtail, Escort)